BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphalting to main and cross roads at DeoMarvells layout in ward no-03 Yelahanka Satellite Town sub Division

Agency	M/s.Technical Manager(West), KRIDL, Bangaluru, 5th Block 17th Main Shivakumar Swamy Building, Bhashyam Circle Bangalore-560010.

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
Item No.1		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
			Cum								
		Vide Total executed Quantity from premeasuremet Page no.						772.51			
							Total	772.51	207.60	160373.08	
Item No.2		Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications and as per the directions of the Engineer-in-charge of the work									
			Cum								
		Vide Total executed Quantity from premeasuremet Page no.						2.47			
							Total	2.47	5747.32	14172.89	
Item No.3		Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc.,complete. and as per the directions of the Engineer-in-charge of the work									
Measurements Taken On;											
		4th Cross Road (From Anathapura Main Road) Entrance									
		LHS									
0	30		M	1	30.00			30.00			
30	60		M	1	30.00			30.00			
60	90		M	1	30.00			30.00			
90	120		M	1	30.00			30.00			
120	123.3	Royal Kempegowda Entrance	M	1	3.30			3.30			
		RHS									
0	30		M	1	30.00			30.00			
30	60		M	1	30.00			30.00			
60	90		M	1	30.00			30.00			
90	120		M	1	30.00			30.00			
120	123.3	Royal Kempegowda Entrance	M	1	3.30			3.30			
							TOTAL	246.60			
		Number of kerb	Nos	246.6/0.45				548.00			
							TOTAL	548.00	432.48	236999.04	
Item No.4		Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements Taken On;											
		4th Cross Road (From Anathapura Main Road) Entrance									
		LHS									
0	30		Sqm	1	30.00		0.40	12.00			
30	60		Sqm	1	30.00		0.40	12.00			
60	90		Sqm	1	30.00		0.40	12.00			
90	120		Sqm	1	30.00		0.40	12.00			
120	123.3	Royal Kempegowda Entrance	Sqm	1	3.30		0.40	1.32			
		RHS									
0	30		Sqm	1	30.00		0.40	12.00			
30	60		Sqm	1	30.00		0.40	12.00			

Contactor

Assistant Engineer 29/11

Assistant Executive Engineer 29/11

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphalting to main and cross roads at DeoMarvells layout in ward no-03 Yelahanka Satellite Town sub Division

Agency	M/s.Technical Manager(West), KRIDL, Bangaluru, 5th Block 17th Main Shivakumar Swamy Building, Bhashyam Circle Bangalore-560010.

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
60	90		Sqm	1	30.00		0.40	12.00			
90	120		Sqm	1	30.00		0.40	12.00			
120	123.3	Royal Kempegowda Entrance	Sqm	1	3.30		0.40	1.32			
							TOTAL	98.64	84.80	8365.00	
Item No.5		Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications.. and as per the directions of the Engineer-in-charge of the work									
		Sqm									
		Vide Total executed Quantity from premeasuremet Page no.						10309.56			
							Total	10309.56	41.34	426197.0037	
Item No.6		Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
		Sqm									
		Vide Total executed Quantity from premeasuremet Page no.						10309.56			
							Total	10309.56	6.36	65568.77	
Item No.7		Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
		Cum									
		Vide Total executed Quantity from premeasuremet Page no.						1546.43			
							Total	1546.43	1994.92	3085010.62	
Item No.8		Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
		Cum									
		Vide Total executed Quantity from premeasuremet Page no.						2371.20			
							Total	2371.20	2001.28	4745430.43	
Item No.9		Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complet as per specifications. and as per the directions of the Engineer-in-charge of the work									
		Sqm									
		Vide Total executed Quantity from premeasuremet Page no.						10309.56			
							Total	10309.56	22.26	229490.69	
Item No.10		Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and as per the directions of the Engineer-in-charge of the work									
		Sqm									
		Vide Total executed Quantity from premeasuremet Page no.						10309.56			
							Total	10309.56	33.92	349700.11	
Item No.11		Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the directions of the Engineer-in-charge of the work									
		Cum									
		Vide Total executed Quantity from premeasuremet Page no.						515.48			
							Total	515.48	7428.48	3829216.16	

KRIDL BANGALORE

Contactor PMC Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphalting to main and cross roads at DeoMarvells layout in ward no-03 Yelahanka Satellite Town sub Division

Agency	M/s.Technical Manager(West), KRIDL, Bangaluru, 5th Block 17th Main Shivakumar Swamy Building, Bhashyam Circle Bangalore-560010.

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
Item No.12		Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements Taken On;											
		4th Cross Road (From Anathapura Main Road) Entrance									
0	12.6		Sqm	1	12.60	10.55		132.93			
		LHS									
0	30		Sqm	1	30.00	5.00		150.00			
30	52		Sqm	1	22.00	5.00		110.00			
52	64.2		Sqm	1	12.20	5.45		66.49			
64.2	94.2		Sqm	1	30.00	5.45		163.50			
94.2	124.2		Sqm	1	30.00	5.00		150.00			
124.2	132.8		Sqm	1	8.60	5.00		43.00			
132.8	137.8		Sqm	1	5.00	5.30		26.50			
0	30		Sqm	1	30.00	5.65		169.50			
30	60		Sqm	1	30.00	5.00		150.00			
60	90		Sqm	1	30.00	5.00		150.00			
90	120		Sqm	1	30.00	5.00		150.00			
120	123.3	Royal Kempegowda Entrance	Sqm	1	3.30	5.00		16.50			
		RHS									
0	30		Sqm	1	30.00	5.00		150.00			
30	52		Sqm	1	22.00	5.00		110.00			
52	64.2		Sqm	1	12.20	5.45		66.49			
64.2	94.2		Sqm	1	30.00	5.45		163.50			
94.2	124.2		Sqm	1	30.00	5.00		150.00			
124.2	132.8		Sqm	1	8.60	5.00		43.00			
132.8	137.8		Sqm	1	5.00	5.30		26.50			
0	30		Sqm	1	30.00	5.65		169.50			
30	60		Sqm	1	30.00	5.00		150.00			
60	90		Sqm	1	30.00	5.00		150.00			
90	120		Sqm	1	30.00	5.00		150.00			
120	123.3	Royal Kempegowda Entrance	Sqm	1	3.30	5.00		16.50			
0	5	Royal Kempegowda Entrance	Sqm	1	5.00	10.80		54.00			
		Royal Kempegowda to Vara siddhi Vinayaka Main Road									
		4th Main Road (Double Road)									
		LHS									
0	14.4		Sqm	1	14.40	11.00		158.40			
0	30		Sqm	1	30.00	5.00		150.00			
30	35.2		Sqm	1	5.20	5.00		26.00			
0	18	Junction	Sqm	1	18.00	11.55		207.90			
0	30		Sqm	1	30.00	5.00		150.00			

Contactor

PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphalting to main and cross roads at DeoMarvells layout in ward no-03 Yelahanka Satellite Town sub Division

Agency	M/s.Technical Manager(West), KRIDL, Bangaluru, 5th Block 17th Main Shivakumar Swamy Building, Bhashyam Circle Bangalore-560010.

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
30	60		Sqm	1	30.00	5.00		150.00			
60	70.4		Sqm	1	10.40	5.00		52.00			
0	15	Junction	Sqm	1	15.00	10.80		162.00			
0	30		Sqm	1	30.00	5.00		150.00			
30	52.5		Sqm	1	22.50	5.00		112.50			
0	14.4	Junction	Sqm	1	14.40	10.90		156.96			
0	30		Sqm	1	30.00	5.00		150.00			
30	52.7		Sqm	1	22.70	5.00		113.50			
0	14.8	Junction	Sqm	1	14.80	11.05		163.54			
0	30		Sqm	1	30.00	5.00		150.00			
30	51.7		Sqm	1	21.70	5.00		108.50			
0	15.2	Junction	Sqm	1	15.20	10.90		165.68			
0	30		Sqm	1	30.00	5.00		150.00			
30	37.2		Sqm	1	7.20	5.00		36.00			
		RHS (Varasiddhi Vinayaka temple to Royal Kempegowda Entrance)									
0	10.8	Temple Left Side	Sqm	1	10.80	2.80		30.24			
0	30		Sqm	1	30.00	5.00		150.00			
30	37		Sqm	1	7.00	5.00		35.00			
0	30		Sqm	1	30.00	5.00		150.00			
30	51.7		Sqm	1	21.70	5.00		108.50			
0	30		Sqm	1	30.00	5.00		150.00			
30	52.7		Sqm	1	22.70	5.00		113.50			
0	30		Sqm	1	30.00	5.00		150.00			
30	52.5		Sqm	1	22.50	5.00		112.50			
0	30		Sqm	1	30.00	5.00		150.00			
30	60		Sqm	1	30.00	5.00		150.00			
60	70.4		Sqm	1	10.40	5.00		52.00			
0	30		Sqm	1	30.00	5.00		150.00			
30	35.2	Kempegpwda Entrance	Sqm	1	5.20	5.00		26.00			
		3rd Main Road									
		218 to 241									
0	7.3		Sqm	1	7.30	11.80		86.14			
		LHS									
0	30		Sqm	1	30.00	5.00		150.00			
30	34.5		Sqm	1	4.50	5.00		22.50			
		RHS									
0	30		Sqm	1	30.00	5.00		150.00			
30	34.5		Sqm	1	4.50	5.00		22.50			
		Junction									
0	18.8		Sqm	1	18.80	11.00		206.80			

Contactor

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphalting to main and cross roads at DeoMarvells layout in ward no-03 Yelahanka Satellite Town sub Division

Agency	M/s.Technical Manager(West), KRIDL, Bangaluru, 5th Block 17th Main Shivakumar Swamy Building, Bhashyam Circle Bangalore-560010.

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
		LHS									
0	30		Sqm	1	30.00	5.00		150.00			
30	60		Sqm	1	30.00	5.00		150.00			
60	66.4		Sqm	1	6.40	5.00		32.00			
		RHS									
0	30		Sqm	1	30.00	5.00		150.00			
30	60		Sqm	1	30.00	5.00		150.00			
60	66.4		Sqm	1	6.40	5.00		32.00			
0	11.5	Junction	Sqm	1	11.50	10.90		125.35			
		LHS									
0	30		Sqm	1	30.00	5.00		150.00			
30	60		Sqm	1	30.00	5.00		150.00			
60	62.5		Sqm	1	2.50	5.00		12.50			
		RHS									
0	30		Sqm	1	30.00	5.00		150.00			
30	60		Sqm	1	30.00	5.00		150.00			
60	62.5		Sqm	1	2.50	5.00		12.50			
0	16.4	Junction	Sqm	1	16.40	10.95		179.58			
		LHS									
0	30		Sqm	1	30.00	5.00		150.00			
30	60		Sqm	1	30.00	5.00		150.00			
60	61		Sqm	1	1.00	5.00		5.00			
		RHS									
0	30		Sqm	1	30.00	5.00		150.00			
30	60		Sqm	1	30.00	5.00		150.00			
60	61		Sqm	1	1.00	5.00		5.00			
0	11.1	Junction	Sqm	1	11.10	10.05		111.56			
		Main Road to Commanders Marvels									
		4th Cross Road									
0	35		Sqm	1	35.00	7.00		245.00			
		3rd Cross Road									
0	35		Sqm	1	35.00	5.50		192.50			
							Total	10309.56	5.30	54641.00	

Item No.13		Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work									
		4th Cross Road (From Anathapura Main Road) Entrance									
0	12.6		Sqm	1	12.60	10.55		132.93			
		LHS									
0	30		Sqm	1	30.00	5.00		150.00			
30	52		Sqm	1	22.00	5.00		110.00			
52	64.2		Sqm	1	12.20	5.45		66.49			
64.2	94.2		Sqm	1	30.00	5.45		163.50			
94.2	124.2		Sqm	1	30.00	5.00		150.00			
124.2	132.8		Sqm	1	8.60	5.00		43.00			
132.8	137.8		Sqm	1	5.00	5.30		26.50			
0	30		Sqm	1	30.00	5.65		169.50			

Contactor

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphalting to main and cross roads at DeoMarvells layout in ward no-03 Yelahanka Satellite Town sub Division

Agency	M/s.Technical Manager(West), KRIDL, Bangaluru, 5th Block 17th Main Shivakumar Swamy Building, Bhashyam Circle Bangalore-560010.

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
30	60		Sqm	1	30.00	5.00		150.00			
60	90		Sqm	1	30.00	5.00		150.00			
90	120		Sqm	1	30.00	5.00		150.00			
120	123.3	Royal Kempegowda Entrance	Sqm	1	3.30	5.00		16.50			
		0									
		RHS									
0	30		Sqm	1	30.00	5.00		150.00			
30	52		Sqm	1	22.00	5.00		110.00			
52	64.2		Sqm	1	12.20	5.45		66.49			
64.2	94.2		Sqm	1	30.00	5.45		163.50			
94.2	124.2		Sqm	1	30.00	5.00		150.00			
124.2	132.8		Sqm	1	8.60	5.00		43.00			
132.8	137.8		Sqm	1	5.00	5.30		26.50			
0	30		Sqm	1	30.00	5.65		169.50			
30	60		Sqm	1	30.00	5.00		150.00			
60	90		Sqm	1	30.00	5.00		150.00			
90	120		Sqm	1	30.00	5.00		150.00			
120	123.3	Royal Kempegowda Entrance	Sqm	1	3.30	5.00		16.50			
0	5	Royal Kempegowda Entrance	Sqm	1	5.00	10.80		54.00			
		Royal Kempegowda to Vara siddhi Vinayaka Main Road									
		4th Main Road (Double Road)									
		LHS									
0	14.4		Sqm	1	14.40	11.00		158.40			
0	30		Sqm	1	30.00	5.00		150.00			
30	35.2		Sqm	1	5.20	5.00		26.00			
0	18	Junction	Sqm	1	18.00	11.55		207.90			
0	30		Sqm	1	30.00	5.00		150.00			
30	60		Sqm	1	30.00	5.00		150.00			
60	70.4		Sqm	1	10.40	5.00		52.00			
0	15	Junction	Sqm	1	15.00	10.80		162.00			
0	30		Sqm	1	30.00	5.00		150.00			
30	52.5		Sqm	1	22.50	5.00		112.50			
0	14.4	Junction	Sqm	1	14.40	10.90		156.96			
0	30		Sqm	1	30.00	5.00		150.00			
30	52.7		Sqm	1	22.70	5.00		113.50			
0	14.8	Junction	Sqm	1	14.80	11.05		163.54			
0	30		Sqm	1	30.00	5.00		150.00			
30	51.7		Sqm	1	21.70	5.00		108.50			
0	15.2	Junction	Sqm	1	15.20	10.90		165.68			

Contactor

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphalting to main and cross roads at DeoMarvells layout in ward no-03 Yelahanka Satellite Town sub Division

Agency	M/s.Technical Manager(West), KRIDL, Bangaluru, 5th Block 17th Main Shivakumar Swamy Building, Bhashyam Circle Bangalore-560010.

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
0	30		Sqm	1	30.00	5.00		150.00			
30	37.2		Sqm	1	7.20	5.00		36.00			
		RHS (Varasiddhi Vinayaka temple to Royal Kempegowda Entrance)									
0	10.8	Temple Left Side	Sqm	1	10.80	2.80		30.24			
0	30		Sqm	1	30.00	5.00		150.00			
30	37		Sqm	1	7.00	5.00		35.00			
0	30		Sqm	1	30.00	5.00		150.00			
30	51.7		Sqm	1	21.70	5.00		108.50			
0	30		Sqm	1	30.00	5.00		150.00			
30	52.7		Sqm	1	22.70	5.00		113.50			
0	30		Sqm	1	30.00	5.00		150.00			
30	52.5		Sqm	1	22.50	5.00		112.50			
0	30		Sqm	1	30.00	5.00		150.00			
30	60		Sqm	1	30.00	5.00		150.00			
60	70.4		Sqm	1	10.40	5.00		52.00			
0	30		Sqm	1	30.00	5.00		150.00			
30	35.2	Kempegpwda Entrance	Sqm	1	5.20	5.00		26.00			
		3rd Main Road									
		218 to 241									
0	7.3		Sqm	1	7.30	11.80		86.14			
		LHS									
0	30		Sqm	1	30.00	5.00		150.00			
30	34.5		Sqm	1	4.50	5.00		22.50			
		RHS									
0	30		Sqm	1	30.00	5.00		150.00			
30	34.5		Sqm	1	4.50	5.00		22.50			
		Junction									
0	18.8		Sqm	1	18.80	11.00		206.80			
		LHS									
0	30		Sqm	1	30.00	5.00		150.00			
30	60		Sqm	1	30.00	5.00		150.00			
60	66.4		Sqm	1	6.40	5.00		32.00			
		RHS									
0	30		Sqm	1	30.00	5.00		150.00			
30	60		Sqm	1	30.00	5.00		150.00			
60	66.4		Sqm	1	6.40	5.00		32.00			
0	11.5	Junction	Sqm	1	11.50	10.90		125.35			
		LHS									
0	30		Sqm	1	30.00	5.00		150.00			
30	60		Sqm	1	30.00	5.00		150.00			
60	62.5		Sqm	1	2.50	5.00		12.50			
		RHS									
0	30		Sqm	1	30.00	5.00		150.00			
30	60		Sqm	1	30.00	5.00		150.00			
60	62.5		Sqm	1	2.50	5.00		12.50			
0	16.4	Junction	Sqm	1	16.40	10.95		179.58			
		LHS									

Contactor

KRIDHARPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphalting to main and cross roads at DeoMarvells layout in ward no-03 Yelahanka Satellite Town sub Division

Agency	M/s.Technical Manager(West), KRIDL, Bangaluru, 5th Block 17th Main Shivakumar Swamy Building, Bhashyam Circle Bangalore-560010.

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
0	30		Sqm	1	30.00	5.00		150.00			
30	60		Sqm	1	30.00	5.00		150.00			
60	61		Sqm	1	1.00	5.00		5.00			
		RHS									
0	30		Sqm	1	30.00	5.00		150.00			
30	60		Sqm	1	30.00	5.00		150.00			
60	61		Sqm	1	1.00	5.00		5.00			
0	11.1	Junction	Sqm	1	11.10	10.05		111.56			
		Main Road to Commanders Marvels									
		4th Cross Road									
0	35		Sqm	1	35.00	7.00		245.00			
		3rd Cross Road									
0	35		Sqm	1	35.00	5.50		192.50			
							TOTAL	10309.56	12.72	131138	

Item No.14	Providing and laying Bituminous Concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment , rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. and as per the directions of the Engineer-in-charge of the work
Measurements Taken On;	

		4th Cross Road (From Anathapura Main Road) Entrance									
0	12.6		Cum	1	12.60	10.35	0.03	3.99			
		LHS									
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	52		Cum	1	22.00	5.00	0.03	3.30			
52	64.2		Cum	1	12.20	5.45	0.03	1.99			
64.2	94.2		Cum	1	30.00	5.45	0.03	4.91			
94.2	124.2		Cum	1	30.00	5.00	0.03	4.50			
124.2	132.8		Cum	1	8.60	5.00	0.03	1.29			
132.8	137.8		Cum	1	5.00	5.30	0.03	0.80			
0	30		Cum	1	30.00	5.65	0.03	5.09			
30	60		Cum	1	30.00	5.00	0.03	4.50			
60	90		Cum	1	30.00	5.00	0.03	4.50			
90	120		Cum	1	30.00	5.00	0.03	4.50			
120	123.3	Royal Kempegowda Entrance	Cum	1	3.30	5.00	0.03	0.50			
		RHS									
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	52		Cum	1	22.00	5.00	0.03	3.30			
52	64.2		Cum	1	12.20	5.45	0.03	1.99			
64.2	94.2		Cum	1	30.00	5.45	0.03	4.91			
94.2	124.2		Cum	1	30.00	5.00	0.03	4.50			
124.2	132.8		Cum	1	8.60	5.00	0.03	1.29			
132.8	137.8		Cum	1	5.00	5.30	0.03	0.80			
0	30		Cum	1	30.00	5.65	0.03	5.09			
30	60		Cum	1	30.00	5.00	0.03	4.50			
60	90		Cum	1	30.00	5.00	0.03	4.50			
90	120		Cum	1	30.00	5.00	0.03	4.50			

07/02/2020

Contactor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphalting to main and cross roads at DeoMarvells layout in ward no-03 Yelahanka Satellite Town sub Division

Agency	M/s.Technical Manager(West), KRIDL, Bangaluru, 5th Block 17th Main Shivakumar Swamy Building, Bhashyam Circle Bangalore-560010.

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
120	123.3	Royal Kempegowda Entrance	Cum	1	3.20	5.00	0.03	0.50			
0	5	Royal Kempegowda Entrance	Cum	1	5.00	10.80	0.03	1.62			
		Royal Kempegowda to Vara siddhi Vinayaka Main Road									
		4th Main Road (Double Road)									
		LHS									
0	14.4	0	Cum	1	14.40	11.00	0.03	4.75			
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	35.2		Cum	1	5.20	5.00	0.03	0.78			
0	18	Junction	Cum	1	18.00	11.55	0.03	6.24			
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	60		Cum	1	30.00	5.00	0.03	4.50			
60	70.4		Cum	1	10.40	5.00	0.03	1.56			
0	15	Junction	Cum	1	15.00	10.80	0.03	4.86			
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	52.5		Cum	1	22.50	5.00	0.03	3.38			
0	14.4	Junction	Cum	1	14.40	10.90	0.03	4.71			
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	52.7		Cum	1	22.70	5.00	0.03	3.41			
0	14.8	Junction	Cum	1	14.80	11.05	0.03	4.91			
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	51.7		Cum	1	21.70	5.00	0.03	3.26			
0	15.2	Junction	Cum	1	15.20	10.90	0.03	4.97			
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	37.2		Cum	1	7.20	5.00	0.03	1.08			
		RHS (Varasiddhi Vinayaka temple to Royal Kempegowda Entrance)									
0	10.8	Temple Left Side	Cum	1	10.80	2.80	0.03	0.91			
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	37		Cum	1	7.00	5.00	0.03	1.05			
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	51.7		Cum	1	21.70	5.00	0.03	3.26			
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	52.7		Cum	1	22.70	5.00	0.03	3.41			
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	52.5		Cum	1	22.50	5.00	0.03	3.38			

07/02/2020

Contactor

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphalting to main and cross roads at DeoMarvells layout in ward no-03 Yelahanka Satellite Town sub Division

Agency	M/s.Technical Manager(West), KRIDL, Bangaluru, 5th Block 17th Main Shivakumar Swamy Building, Bhashyam Circle Bangalore-560010.

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	60		Cum	1	30.00	5.00	0.03	4.50			
60	70.4		Cum	1	10.40	5.00	0.03	1.56			
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	35.2	Kempegpwda Entrance	Cum	1	5.20	5.00	0.03	0.78			
		3rd Main Road									
		218 to 241									
0	7.3		Cum	1	7.30	11.80	0.03	2.58			
		LHS									
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	34.5		Cum	1	4.50	5.00	0.03	0.68			
		RHS									
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	34.5		Cum	1	4.50	5.00	0.03	0.68			
		Junction									
0	18.8		Cum	1	18.80	11.00	0.03	6.20			
		LHS									
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	60		Cum	1	30.00	5.00	0.03	4.50			
60	66.4		Cum	1	6.40	5.00	0.03	0.96			
		RHS									
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	60		Cum	1	30.00	5.00	0.03	4.50			
60	66.4		Cum	1	6.40	5.00	0.03	0.96			
0	11.5	Junction	Cum	1	11.50	10.90	0.03	3.76			
		LHS									
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	60		Cum	1	30.00	5.00	0.03	4.50			
60	62.5		Cum	1	2.50	5.00	0.03	0.38			
		RHS									
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	60		Cum	1	30.00	5.00	0.03	4.50			
60	62.5		Cum	1	2.50	5.00	0.03	0.38			
0	16.4	Junction	Cum	1	16.40	10.95	0.03	5.39			
		LHS									
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	60		Cum	1	30.00	5.00	0.03	4.50			
60	61		Cum	1	1.00	5.00	0.03	0.15			
		RHS									
0	30		Cum	1	30.00	5.00	0.03	4.50			
30	60		Cum	1	30.00	5.00	0.03	4.50			
60	61		Cum	1	1.00	5.00	0.03	0.15			
0	11.1	Junction	Cum	1	11.10	10.05	0.03	3.35			
		Main Road to Commanders Marvels									
		4th Cross Road									
0	35		Cum	1	35.00	7.00	0.03	7.35			
		3rd Cross Road									
0	35		Cum	1	35.00	5.50	0.03	5.78			
							TOTAL	309.29	8699.42	2690614.00	

Contactor

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphalting to main and cross roads at DeoMarvells layout in ward no-03 Yelahanka Satellite Town sub Division

Agency	M/s.Technical Manager(West), KRIDL, Bangaluru, 5th Block 17th Main Shivakumar Swamy Building, Bhashyam Circle Bangalore-560010.

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
Item No.15		Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements Taken On;											
		4th Cross Road (From Anathapura Main Road) Entrance									
0	12.6		Sqm	2	12.60	0.10		2.52			
		LHS									
0	30		Sqm	2	30.00	0.10		6.00			
30	52		Sqm	2	22.00	0.10		4.40			
52	64.2		Sqm	2	12.20	0.10		2.44			
64.2	94.2		Sqm	2	30.00	0.10		6.00			
94.2	124.2		Sqm	2	30.00	0.10		6.00			
124.2	132.8		Sqm	2	8.60	0.10		1.72			
132.8	137.8		Sqm	2	5.00	0.10		1.00			
0	30		Sqm	2	30.00	0.10		6.00			
30	60		Sqm	2	30.00	0.10		6.00			
60	90		Sqm	2	30.00	0.10		6.00			
90	120		Sqm	2	30.00	0.10		6.00			
120	123.3	Royal Kempegowda Entrance	Sqm	2	3.30	0.10		0.66			
		RHS									
0	30		Sqm	2	30.00	0.10		6.00			
30	52		Sqm	2	22.00	0.10		4.40			
52	64.2		Sqm	2	12.20	0.10		2.44			
64.2	94.2		Sqm	2	30.00	0.10		6.00			
94.2	124.2		Sqm	2	30.00	0.10		6.00			
124.2	132.8		Sqm	2	8.60	0.10		1.72			
132.8	137.8		Sqm	2	5.00	0.10		1.00			
0	30		Sqm	2	30.00	0.10		6.00			
30	60		Sqm	2	30.00	0.10		6.00			
60	90		Sqm	2	30.00	0.10		6.00			
90	120		Sqm	2	30.00	0.10		6.00			
120	123.3	Royal Kempegowda Entrance	Sqm	2	3.30	0.10		0.66			
0	5	Royal Kempegowda Entrance	Sqm	2	5.00	0.10		1.00			
		Royal Kempegowda to Vara siddhi Vinayaka Main Road									
		4th Main Road (Double Road)									
		LHS									
0	14.4		Sqm	2	14.40	0.10		2.88			
0	30		Sqm	2	30.00	0.10		6.00			
30	35.2		Sqm	2	5.20	0.10		1.04			
0	18	Junction	Sqm	4	18.00	0.10		7.20			

Contactor

UDAYAPRASAD CIVIL CONSULTANTS BANGALORE PVT. LTD.

Assistant Engineer

30/01

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphalting to main and cross roads at DeoMarvells layout in ward no-03 Yelahanka Satellite Town sub Division

Agency	M/s.Technical Manager(West), KRIDL, Bangaluru, 5th Block 17th Main Shivakumar Swamy Building, Bhashyam Circle Bangalore-560010.

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
0	30		Sqm	2	30.00	0.10		6.00			
30	60		Sqm	2	30.00	0.10		6.00			
60	70.4		Sqm	2	10.40	0.10		2.08			
0	15	Junction	Sqm	4	15.00	0.10		6.00			
0	30		Sqm	2	30.00	0.10		6.00			
30	52.5		Sqm	2	22.50	0.10		4.50			
0	14.4	Junction	Sqm	4	14.40	0.10		5.76			
0	30		Sqm	2	30.00	0.10		6.00			
30	52.7		Sqm	2	22.70	0.10		4.54			
0	14.8	Junction	Sqm	4	14.80	0.10		5.92			
0	30		Sqm	2	30.00	0.10		6.00			
30	51.7		Sqm	2	21.70	0.10		4.34			
0	15.2	Junction	Sqm	4	15.20	0.10		6.08			
0	30		Sqm	2	30.00	0.10		6.00			
30	37.2		Sqm	2	7.20	0.10		1.44			
		RHS (Varasiddhi Vinayaka temple to Royal Kempegowda Entrance)									
0	10.8	Temple Left Side	Sqm	2	10.80	0.10		2.16			
0	30		Sqm	2	30.00	0.10		6.00			
30	37		Sqm	2	7.00	0.10		1.40			
0	30		Sqm	2	30.00	0.10		6.00			
30	51.7		Sqm	2	21.70	0.10		4.34			
0	30		Sqm	2	30.00	0.10		6.00			
30	52.7		Sqm	2	22.70	0.10		4.54			
0	30		Sqm	2	30.00	0.10		6.00			
30	52.5		Sqm	2	22.50	0.10		4.50			
0	30		Sqm	2	30.00	0.10		6.00			
30	60		Sqm	2	30.00	0.10		6.00			
60	70.4		Sqm	2	10.40	0.10		2.08			
0	30		Sqm	2	30.00	0.10		6.00			
30	35.2	Kempegpwda Entrance	Sqm	2	5.20	0.10		1.04			
		3rd Main Road									
		218 to 241									
0	7.3		Sqm	2	7.30	0.10		1.46			
		LHS									
0	30		Sqm	2	30.00	0.10		6.00			
30	34.5		Sqm	2	4.50	0.10		0.90			
		RHS									
0	30		Sqm	2	30.00	0.10		6.00			
30	34.5		Sqm	2	4.50	0.10		0.90			
		LHS									

Contactor

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphalting to main and cross roads at DeoMarvells layout in ward no-03 Yelahanka Satellite Town sub Division

Agency	M/s.Technical Manager(West), KRIDL, Bangaluru, 5th Block 17th Main Shivakumar Swamy Building, Bhashyam Circle Bangalore-560010.

MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
0	30		Sqm	2	30.00	0.10		6.00			
30	60		Sqm	2	30.00	0.10		6.00			
60	66.4		Sqm	2	6.40	0.10		1.28			
		RHS									
0	30		Sqm	2	30.00	0.10		6.00			
30	60		Sqm	2	30.00	0.10		6.00			
60	66.4		Sqm	2	6.40	0.10		1.28			
0	11.5	Junction	Sqm	4	11.50	0.10		4.60			
		LHS									
0	30		Sqm	2	30.00	0.10		6.00			
30	60		Sqm	2	30.00	0.10		6.00			
60	62.5		Sqm	2	2.50	0.10		0.50			
		RHS									
0	30		Sqm	2	30.00	0.10		6.00			
30	60		Sqm	2	30.00	0.10		6.00			
60	62.5		Sqm	2	2.50	0.10		0.50			
0	16.4	Junction	Sqm	4	16.40	0.10		6.56			
		LHS									
0	30		Sqm	2	30.00	0.10		6.00			
30	60		Sqm	2	30.00	0.10		6.00			
60	61		Sqm	2	1.00	0.10		0.20			
		RHS									
0	30		Sqm	2	30.00	0.10		6.00			
30	60		Sqm	2	30.00	0.10		6.00			
60	61		Sqm	2	1.00	0.10		0.20			
0	11.1	Junction	Sqm	4	11.10	0.10		4.44			
		Main Road to Commanders Marvels									
		4th Cross Road									
0	35		Sqm	2	35.00	0.10		7.00			
		3rd Cross Road									
0	35		Sqm	2	35.00	0.10		7.00			
							TOTAL	384.62	454.74	174902.00	

Item No.16 Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS (Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering thje lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97-DO III Dt 11.06.1997.The height, width and length shall not exceed 50mm, 100mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree.The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19mm and height not less than 30mm)from the body is to be a minimum value of 500kg. Fixing will be by drilling holes on the road for the shanks to go inside, without ails and using epoxy resin based adhesive as per manufacture's recommendation. and as per the directions of the Engineer-in-charge of the work

Measurements Taken On;

		Road Studs along Road Length									
		4th Cross Road (From Anathapura Main Road) Entrance									
			Nos	2	4			8			
		LHS									
			Nos	2	88			176			

RUDRAPRASAD CONSULTANTS BANGALORE

Contactor PMC

Assistant Engineer 31/1

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphalting to main and cross roads at DeoMarvells layout in ward no-03 Yelahanka Satellite Town sub Division

Agency	M/s.Technical Manager(West), KRIDL, Bangaluru, 5th Block 17th Main Shivakumar Swamy Building, Bhashyam Circle Bangalore-560010.

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
		RHS									
			Nos	2	89			178			
		4th Main Road (Double									
		LHS									
			Nos	2	119			238			
		RHS (Varasiddhi Vinayaka temple to Royal Kempegowda Entrance)									
			Nos	2	117			234			
		3rd Main Road									
		218 to 241									
		LHS	Nos	2	77			154			
		RHS	Nos	2	76			152			
		Main Road to Commanders Marvels									
		4th Cross Road	Nos	2	13			26			
		3rd Cross Road	Nos	2	13			26			
		Ananthpura Main Road	Nos	2	181			362			
		Ananthpura to Attur Road	Nos	2	50			100			
							Total	1654.00	357.22	590841.88	
Item No.17		Filling in foundation with granite/trap broken metal 100mm and down size ,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications per specifications and directions of the Engineer in charge. 40mm Jelly									
			Cum								
		Vide Total executed Quantity from premeasuremet Page no.									
								0.62			
							Total	0.62	1901.00	1178.62	
Item No.18		Filling in foundation with granite/trap broken metal 100mm and down size ,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications per specifications and directions of the Engineer in charge. 20mm Jelly									
			Cum								
		Vide Total executed Quantity from premeasuremet Page no.									
								0.62			
							Total	0.62	1901.00	1178.62	
Item No.19		Filling in foundation with granite/trap broken metal 100mm and down size ,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications per specifications and directions of the Engineer in charge. Coarse sand									
			Cum								
		Vide Total executed Quantity from premeasuremet Page no.									
								0.47			
							Total	0.47	2651.00	1232.715	
Item No.20		Filling in foundation with granite/trap broken metal 100mm and down size ,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications per specifications and directions of the Engineer in charge Fine sand									
			Cum								
		Vide Total executed Quantity from premeasuremet Page no.									
								0.31			
							Total	0.31	2651.00	821.81	

Contactor

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Asphalting to main and cross roads at DeoMarvells layout in ward no-03 Yelahanka Satellite Town sub Division

Agency	M/s.Technical Manager(West), KRIDL, Bangaluru, 5th Block 17th Main Shivakumar Swamy Building, Bhashyam Circle Bangalore-560010.

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.	Remarks
Item No.21		Filling in foundation with granite/trap broken metal 100mm and down size ,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications per specifications and directions of the Engineer in charge. 12.5mm chips									
			Cum								
		Vide Total executed Quantity from premeasuremet Page no.									
								0.47			
							Total	0.47	1901.00	883.965	
Item No.22		Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984-995 with latest amendments and conveying to work site including loading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle tee, stud ends, flanged sets, bends, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. for: HDPE Grade PE80-PN6.0, 630mm dia .(Perforated Pipe for Rain Water Harvesting Pit) (BWSSB SR as per specifications per specifications and directions of the Engineer in charge									
			Rmt								
		Vide Total executed Quantity from premeasuremet Page no.						9.00			
							Total	9.00	10822.32	97400.88	
Item No.23		Providing of Geonets for Rain Water Harvesting pit on the filter media as specified in drawings or as approved by Engineer Incharge									
			Sqm								
		Vide Total executed Quantity from premeasuremet Page no.						1.56			
							Total	1.56	71.03	110.72	
									Sub Total	16895467.54	
									Add 12% GST	2027456.11	
									Add 4% KRIDL Charges	675819.00	
									Total Amount	19598742.65	

Contactor

PMC

Assistant Engineer

7/2/2020

Assistant Executive Engineer